

Figure 44: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Arithmetic Reasoning

Table 10: Frequency Distribution and Chi-square Analysis for California Achievement Test - Arithmetic Fundamentals

Deciles	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
10	22	89	12	4	8	135
9	15	37	8	7	3	70
8	16	34	11	2	1	64
7	24	44	7	7	4	86
6	20	30	7	6	7	70
5	15	22	4	5	9	55
4	53	66	25	23	17	184
3	26	20	5	12	7	70
2	48	27	6	12	12	105
1	12	6	0	9	3	30
Column Totals (N)		251	375	85	87	71
869						

DF = 36 Chi-square = 113.08 Probability = 0.001^a

^aProbability of exceeding the chi-square value by chance.

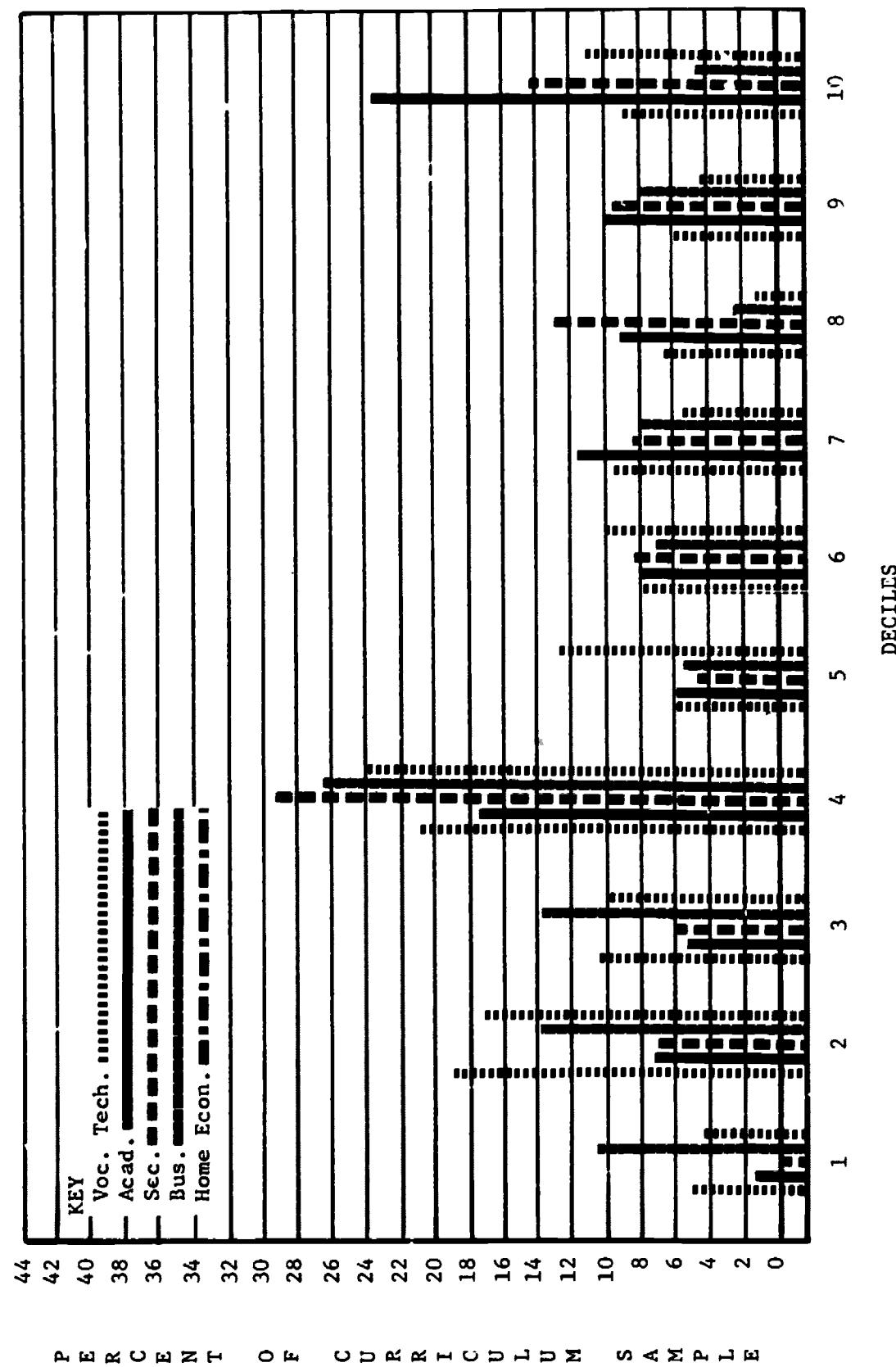


Figure 45: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Arithmetic Fundamentals

Table 11: Frequency Distribution and Chi-square Analysis for California Achievement Test - Total Arithmetic

Deciles	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
10	15	63	9	2	4	93
9	3	12	7	0	3	25
8	1	7	4	0	1	13
7	16	31	11	4	3	65
6	14	16	4	1	2	37
5	10	11	7	3	2	33
4	15	26	11	11	5	68
3	11	17	2	3	5	38
2	14	;	2	2	3	29
1	3	2	1	2	2	10
Column Totals (N)		102	193	58	28	411
DF = 36 Chi-square = 68.98 Probability = 0.001^a						

^aProbability of exceeding the Chi-square value by chance.

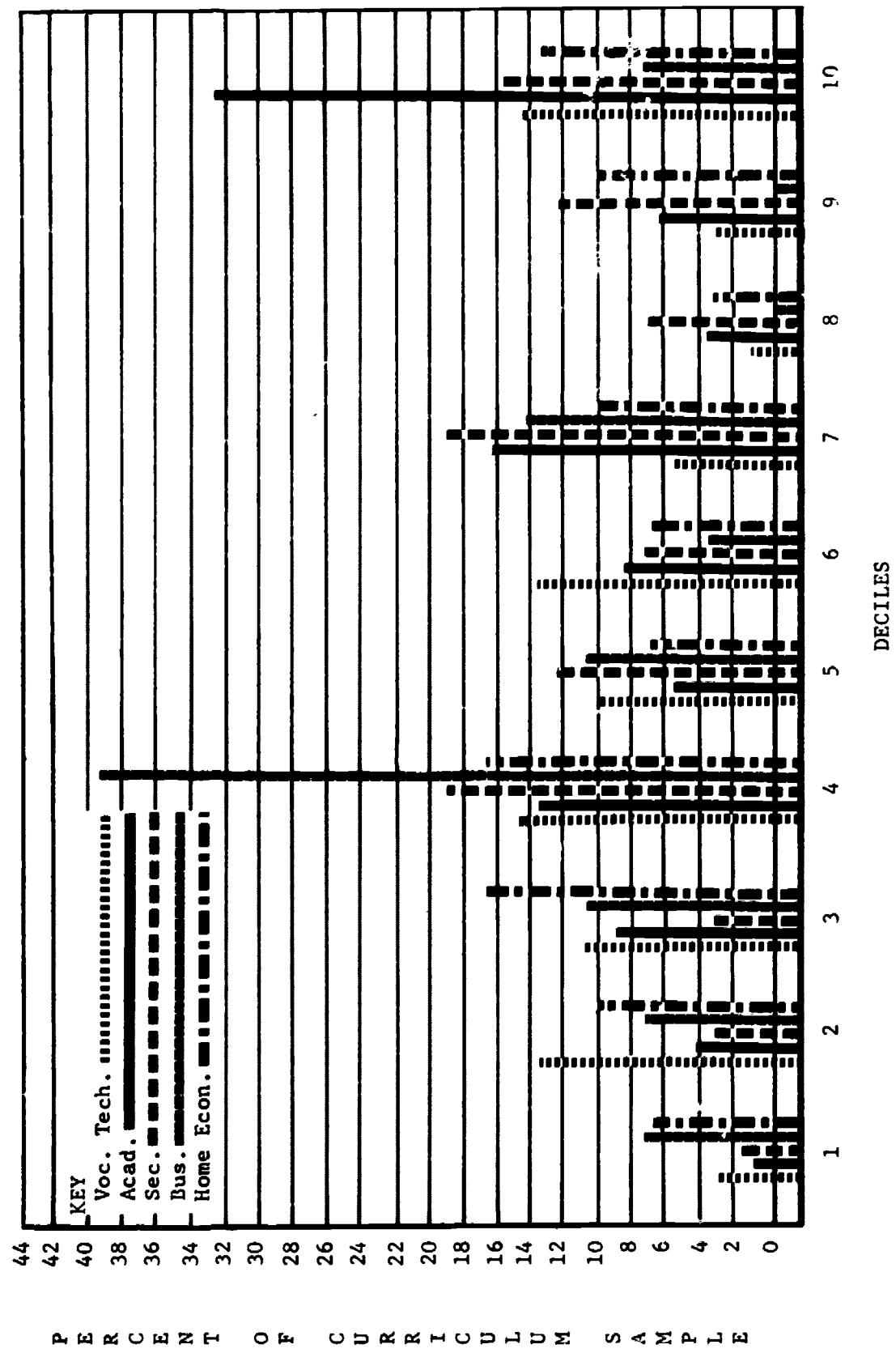


Figure 46: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Total Arithmetic

Table 12: Frequency Distribution and Chi-square Analysis for California Achievement Test - Mechanics of English

Deciles	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
10	48	189	39	17	20	313
9	18	38	8	15	6	85
8	25	46	9	12	9	101
7	31	35	12	14	14	106
6	35	28	5	7	4	79
5	27	12	5	6	1	51
4	24	11	4	7	8	54
3	27	9	2	6	6	50
2	7	4	0	3	3	17
1	8	3	1	0	0	12
Column Totals (N)	250	375	85	87	71	868
DF = 36	Chi-square = 145.53	Probability = 0.001 ^a				

^aProbability of exceeding the chi-square value by chance.

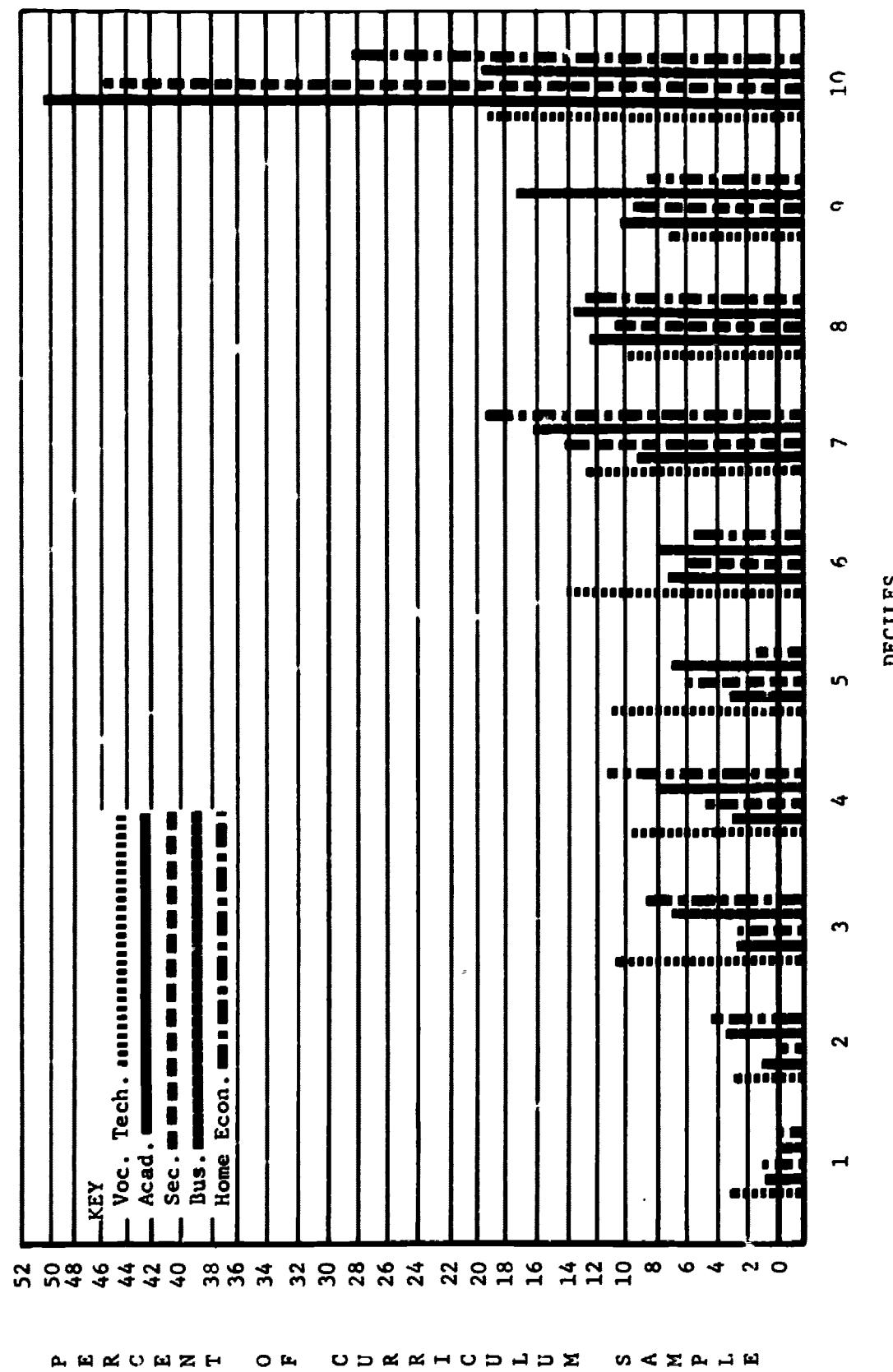


Figure 47: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Mechanics of English

Table 13: Frequency Distribution and Chi-square Analysis for California Achievement Test - Spelling

Deciles	Voc. Tech.	Acad.	Sec.	Fus.	Home Econ.	Row Totals
10	18	79	16	9	14	136
9	31	89	21	16	13	170
8	16	28	13	4	3	64
7	27	48	13	12	6	106
6	0	0	0	0	0	0
5	34	40	7	14	10	105
4	35	38	9	10	6	98
3	40	27	4	14	9	94
2	35	21	2	5	6	69
1	15	5	0	3	4	27
Column Totals (N)	251	375	85	87	71	869
DF = 36	Chi-square = 98.89	Probability = 0.001 ^a				

^aProbability of exceeding the chi-square value by chance.

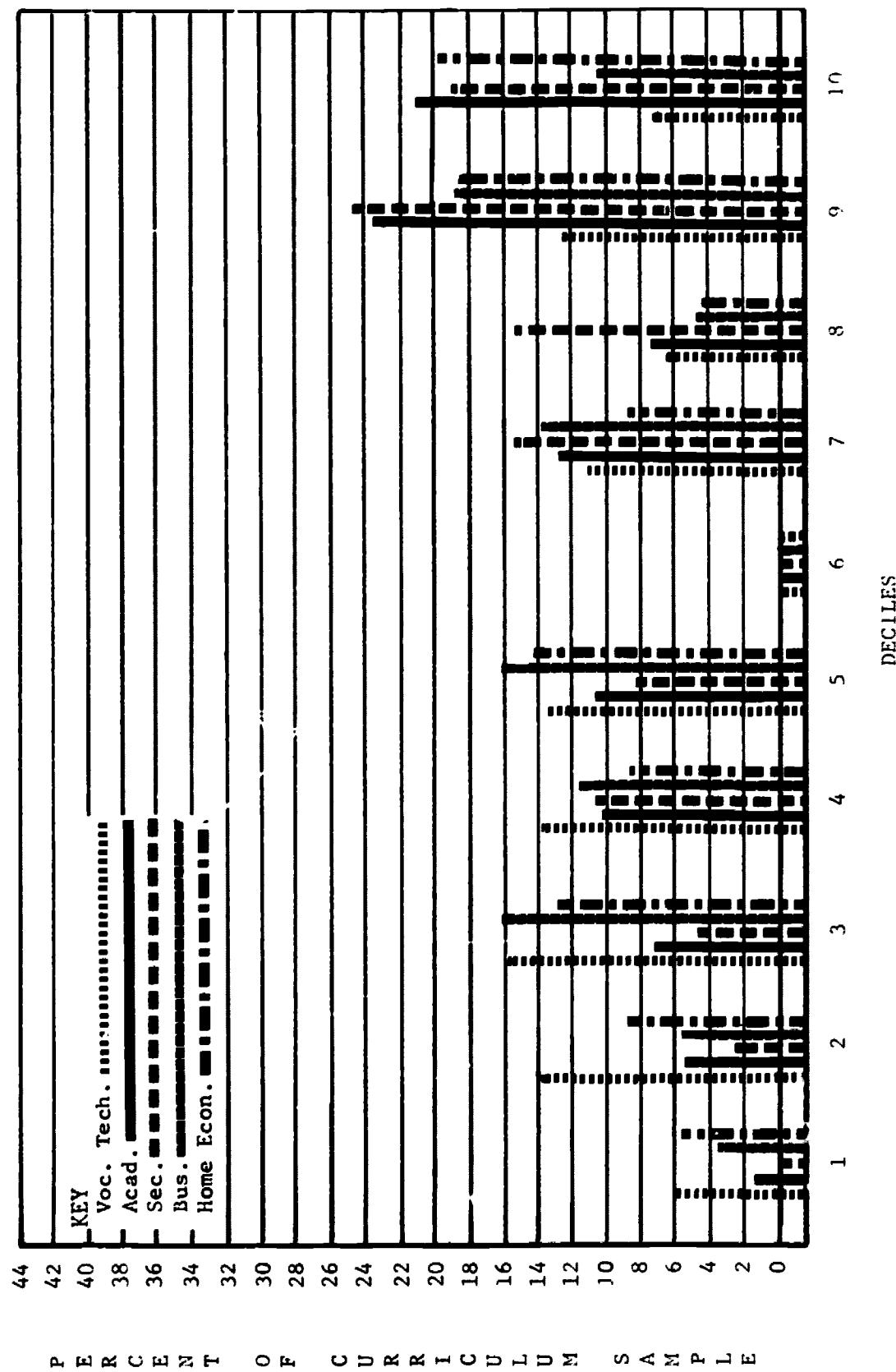


Figure 48: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Spelling

Table 14: Frequency Distribution and Chi-square Analysis for California Achievement Test - Total Language

Deciles	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
10	9	78	21	6	9	123
9	7	24	14	2	6	53
8	10	23	5	2	3	43
7	13	21	2	4	1	44
6	9	10	4	3	0	26
5	11	7	1	3	2	24
4	21	13	6	5	1	46
3	12	8	2	2	2	26
2	7	7	0	1	6	21
1	3	2	0	0	0	5
Column Totals (N)	102	193	58	28	30	411
<hr/>						
DF = 36 Chi-square = 93.35 Probability = 0.001 ^a						

^aProbability of exceeding the chi-square value by chance.

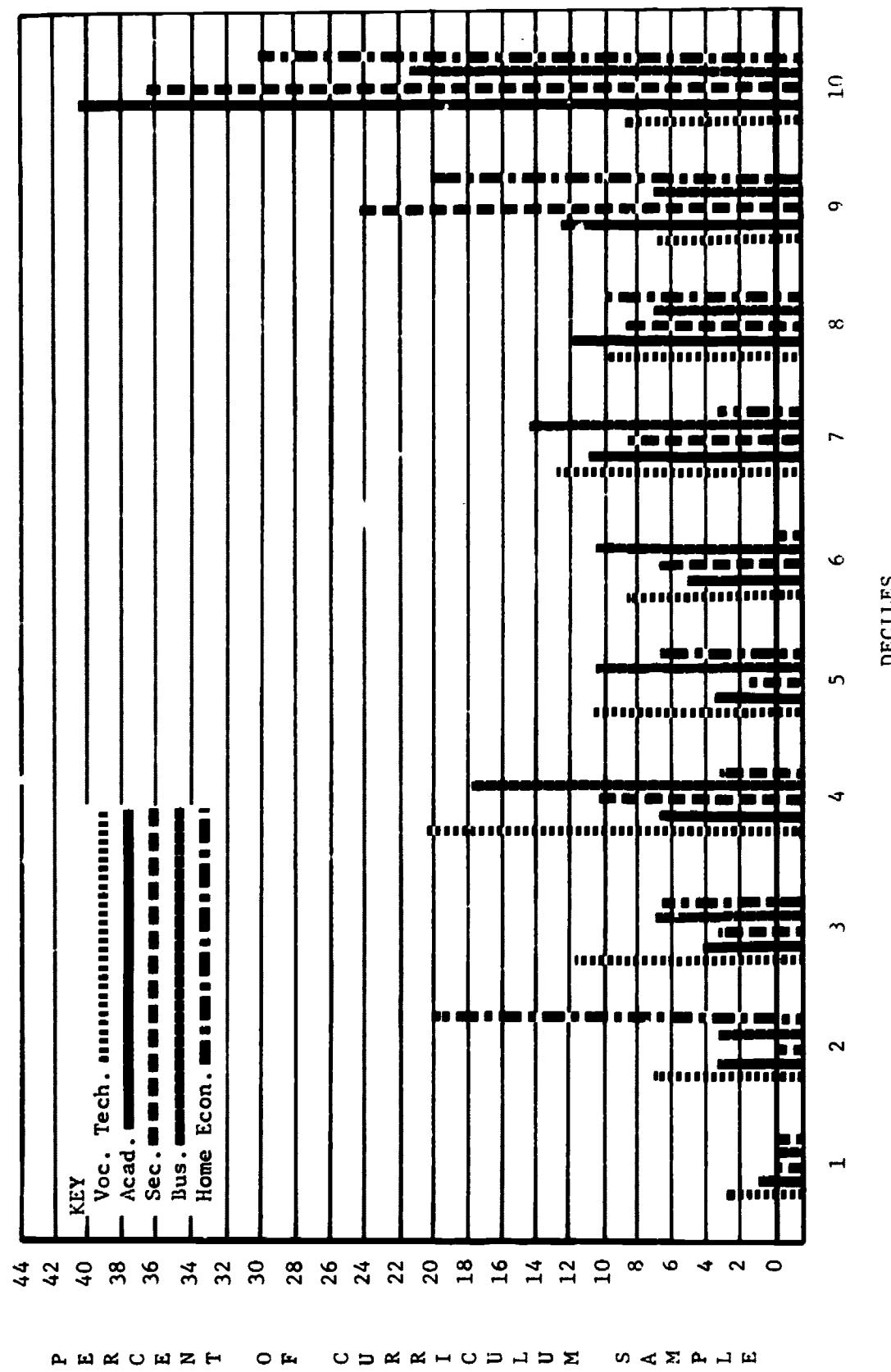


Figure 49: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Total Language

Table 15: Frequency Distribution and Chi-square Analysis for California Achievement Test - Total

Deciles	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
10	45	126	25	7	13	216
9	20	68	9	9	8	114
8	10	25	10	3	2	50
7	27	40	13	11	7	98
6	23	29	9	11	4	76
5	21	16	5	8	5	55
4	31	22	6	15	10	84
3	15	9	6	8	5	43
2	29	13	1	8	8	59
1	10	4	0	2	4	20
Column Totals (N)		231	352	84	82	66
815						
DF = 36 Chi-square = 117.15 Probability = 0.001^a						

^aProbability of exceeding the chi-square value by chance.

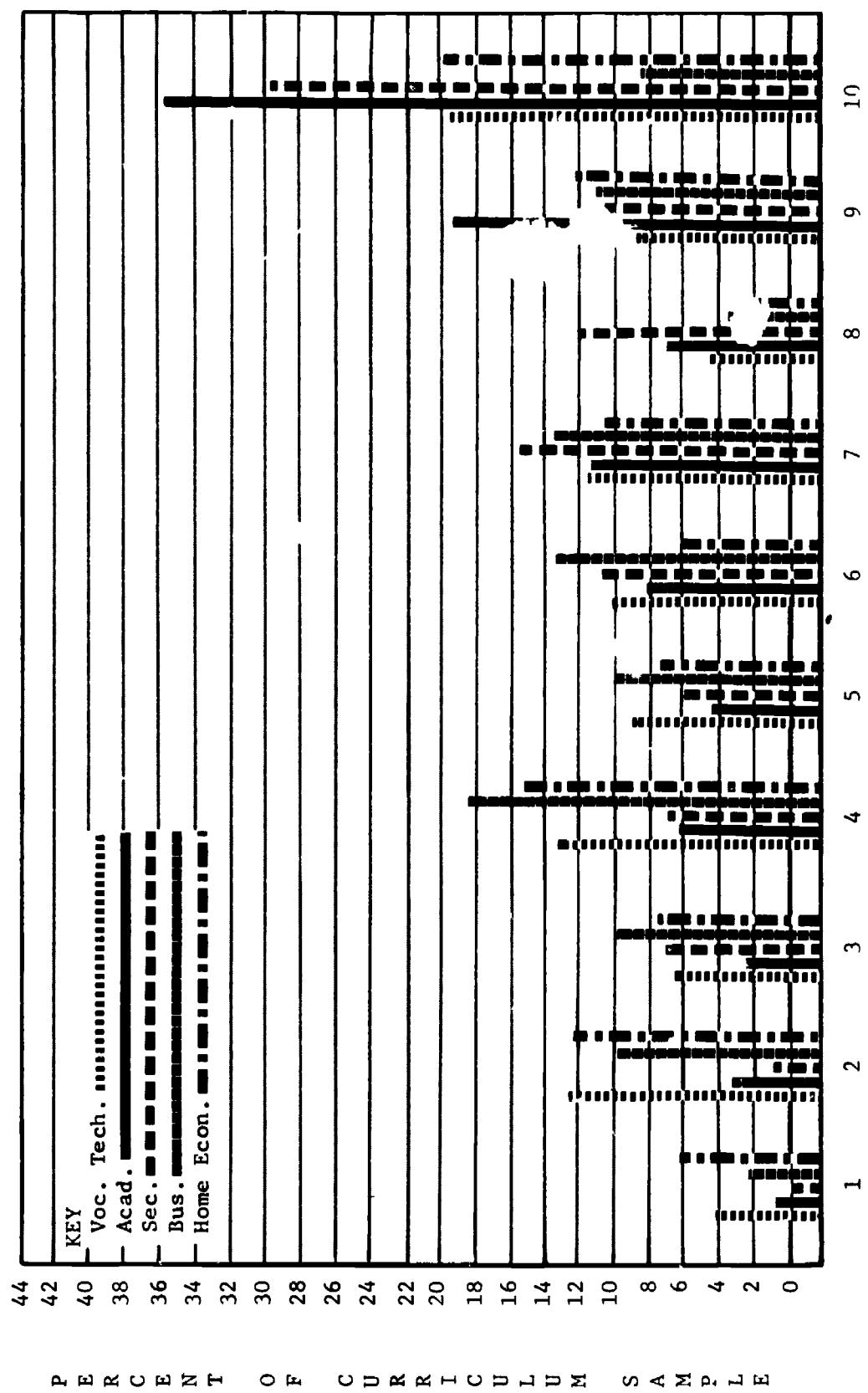


Figure 50: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Total

Table 16: Frequency Distribution and Chi-square Analysis for Father's Educational Level

Father's Ed. Level	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
0 thru 5 yrs.	1	2	1	1	0	5
6 thru 8 yrs.	33	22	10	15	11	91
9 thru 11 yrs.	73	61	14	24	17	189
H.S. Grad.	153	201	57	46	38	495
13 thru 15 yrs.	8	54	6	5	7	80
Col. Grad.	13	33	3	3	3	55
Grad. Work	4	18	1	1	4	28
Column Totals (N)	285	391	92	95	80	943
DF = 28	Chi-square = 74.94	Probability = 0.001 ^a				

Table 17: Frequency Distribution and Chi-square Analysis for Father's Occupational Level

Father's Occ. Level	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
1	1	8	1	0	1	11
2	9	25	0	3	5	42
3	35	98	16	16	10	175
4	104	109	31	26	21	291
5	116	131	40	45	30	362
6	13	11	6	3	6	39
Retired	8	1	1	1	3	14
Unemployed	1	9	1	2	0	13
Column Totals (N)	287	392	96	96	76	947
DF = 28	Chi-square = 63.93	Probability = 0.001 ^a				

^aThe probability of exceeding the chi-square value by chance.

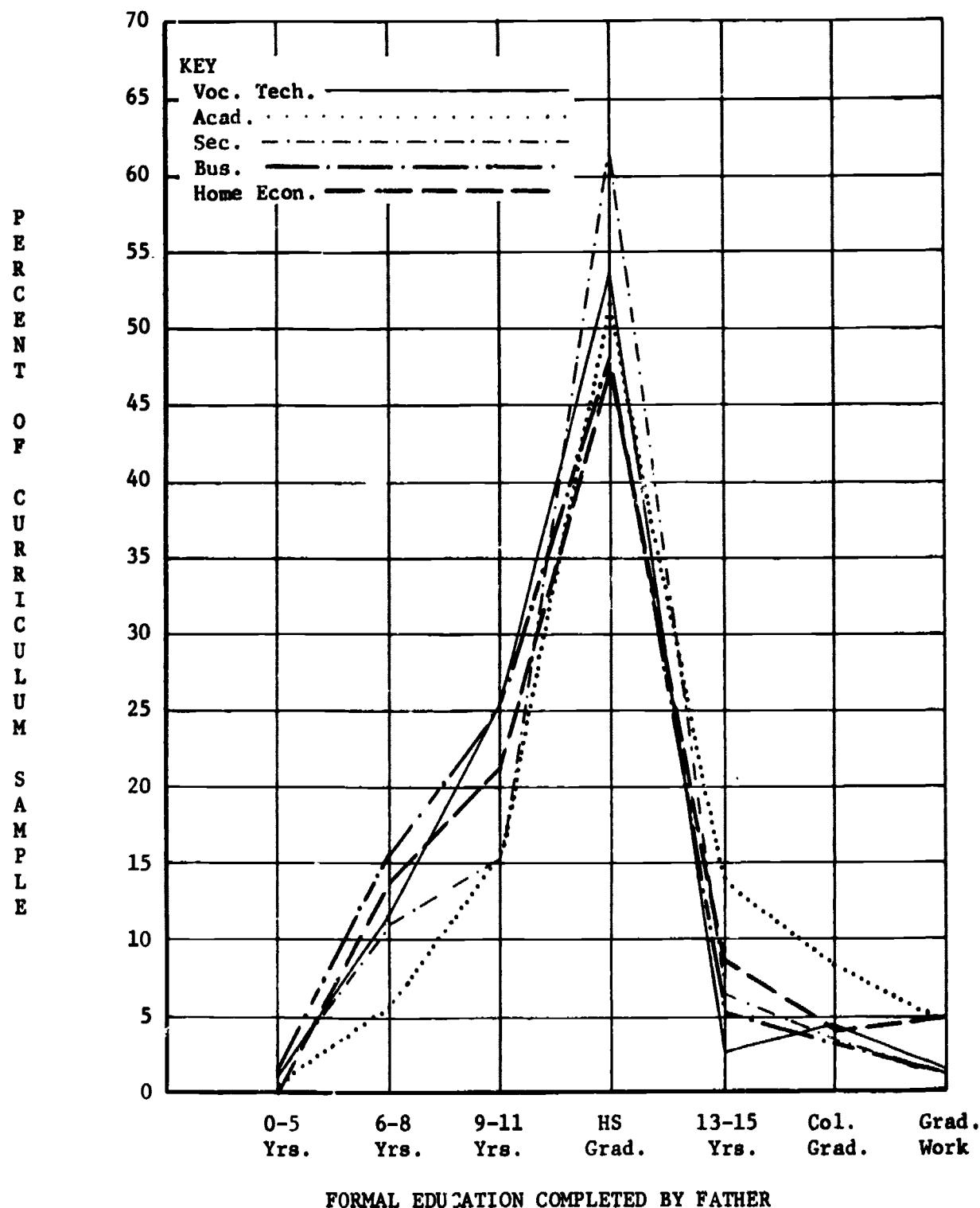


Figure 51: Percentage Distribution of Curriculum Samples by Father's Educational Level

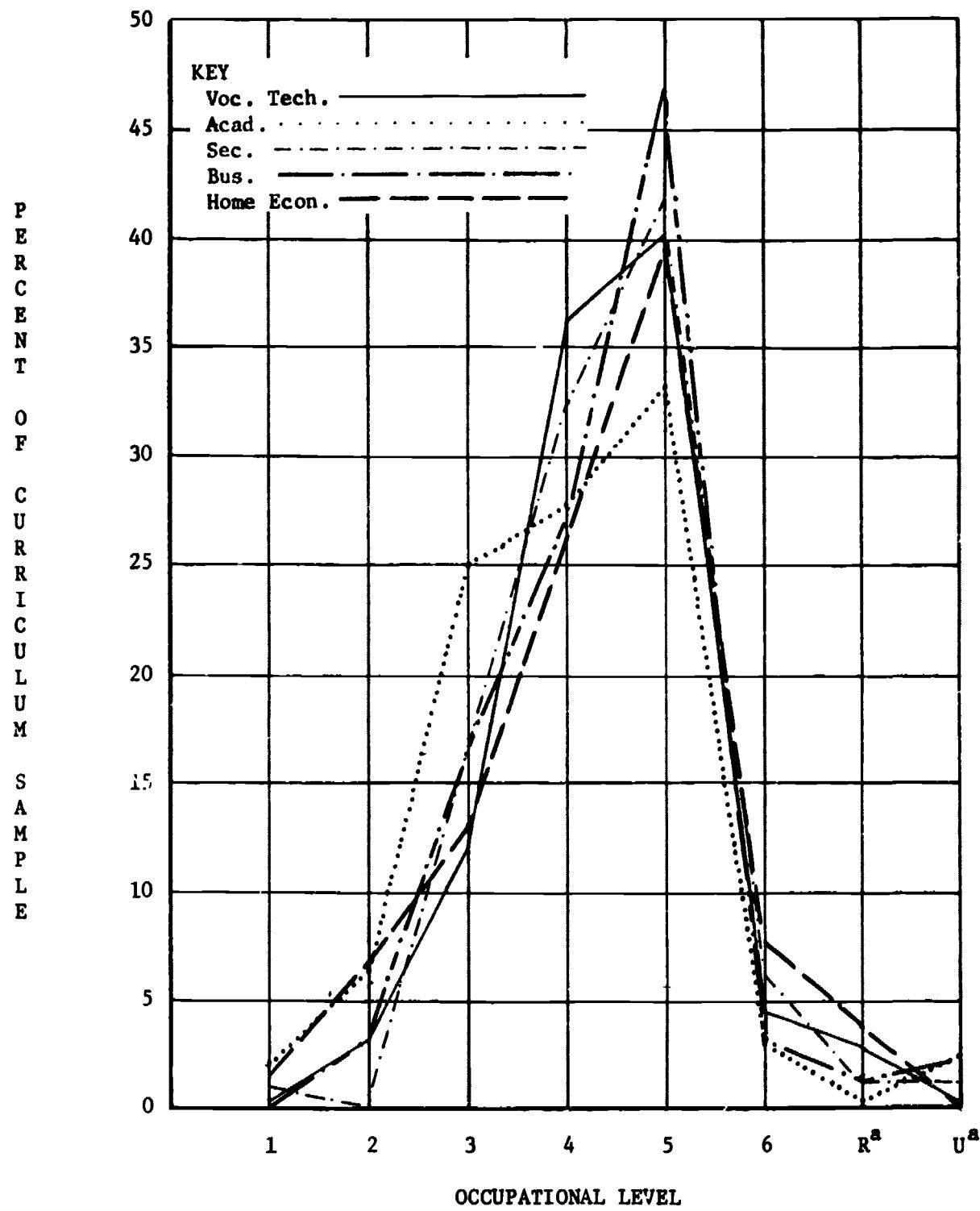


Figure 52: Percentage Distribution of Curriculum Samples by Father's Occupational Level

^aCategories "R" and "U" represent Retired and Unemployed.

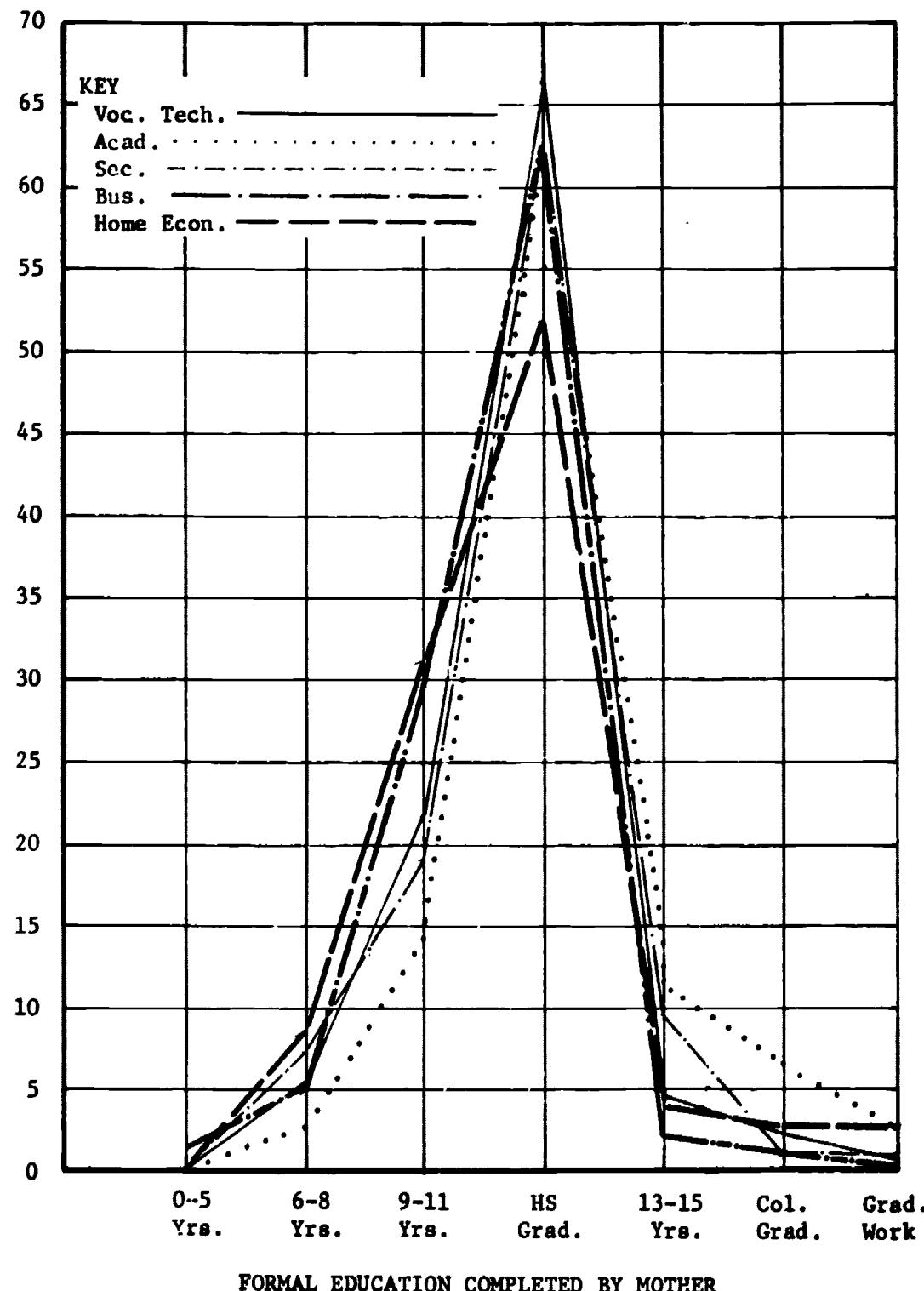
Table 18: Frequency Distribution and Chi-square Analysis for Mother's Educational Level

Mother's Ed. Level	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
0 thru 5 yrs.	0	0	0	1	0	1
6 thru 8 yrs.	15	10	7	5	7	44
9 thru 11 yrs.	62	58	18	30	26	194
H.S. Grad.	192	257	60	62	43	614
13 thru 15 yrs.	13	46	9	2	3	73
Col. Grad.	6	26	1	1	2	36
Grad. Work	2	10	1	0	2	15
<u>Column Totals (N)</u>	290	407	96	101	83	977
DF = 24	Chi-square = 74.41	Probability = 0.001 ^a				

Table 19: Frequency Distribution and Chi-square Analysis for Mother's Occupational Level

Mother's Occ. Level	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
1	0	2	0	0	0	2
2	12	33	1	1	0	47
3	9	18	3	1	3	34
4	47	62	16	12	5	142
5	33	44	16	14	8	115
6	197	252	64	75	67	655
Retired	1	0	0	0	0	1
Unemployed	0	1	1	0	0	2
<u>Column Totals (N)</u>	299	412	101	103	83	998
DF = 28	Chi-square = 45.09	Probability = 0.022 ^a				

^aThe probability of exceeding the chi-square value by chance.



FORMAL EDUCATION COMPLETED BY MOTHER

Figure 53: Percentage Distribution of Curriculum Samples by Mother's Educational Level

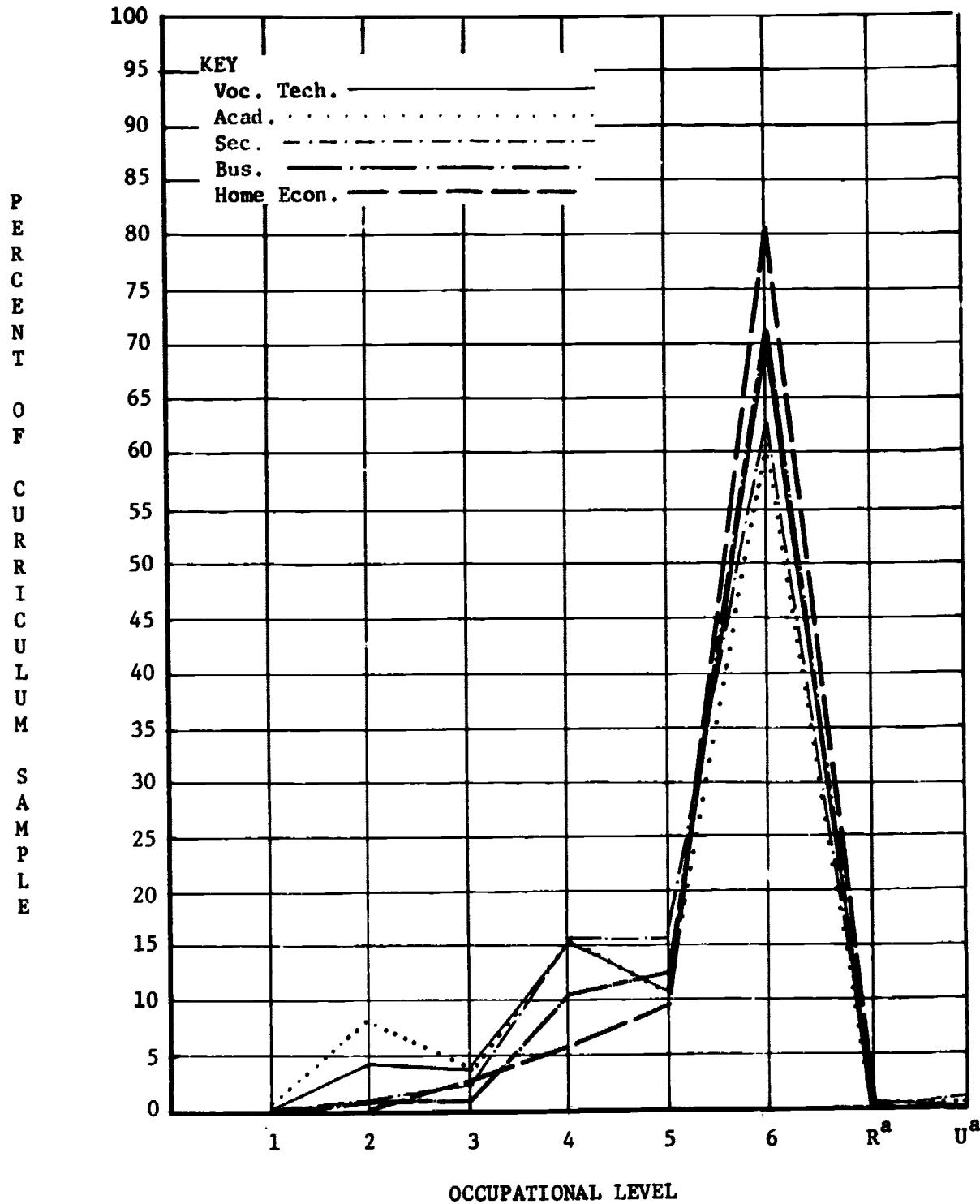


Figure 54: Percentage Distribution of Curriculum Samples by Mother's Occupational Level

^aCategories "R" and "U" represent Retired and Unemployed.

Table 20: Frequency Distribution and Chi-square Analysis for Family Income

Total Family Income Ranges	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
Did not know/ did not wish to respond	166	233	75	85	65	624
0 to \$2999	3	5	0	0	3	11
\$3000 to \$5999	30	13	8	3	5	59
\$6000 to \$8999	53	58	8	11	6	136
\$9000 +	52	109	11	5	5	182
Column Totals (N)	304	418	102	104	84	1012
DF = 16	Chi-square = 84.72	Probability = 0.001 ^a				

Table 21: Frequency Distribution and Chi-square Analysis for Sex

Sex	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
Male	298	208	2	10	2	520
Female	14	214	102	96	85	511
Column Totals (N)	312	422	104	106	87	1031
DF = 4	Chi-square = 503.67	Probability = 0.001 ^a				

^aThe probability of exceeding the chi-square value by chance.

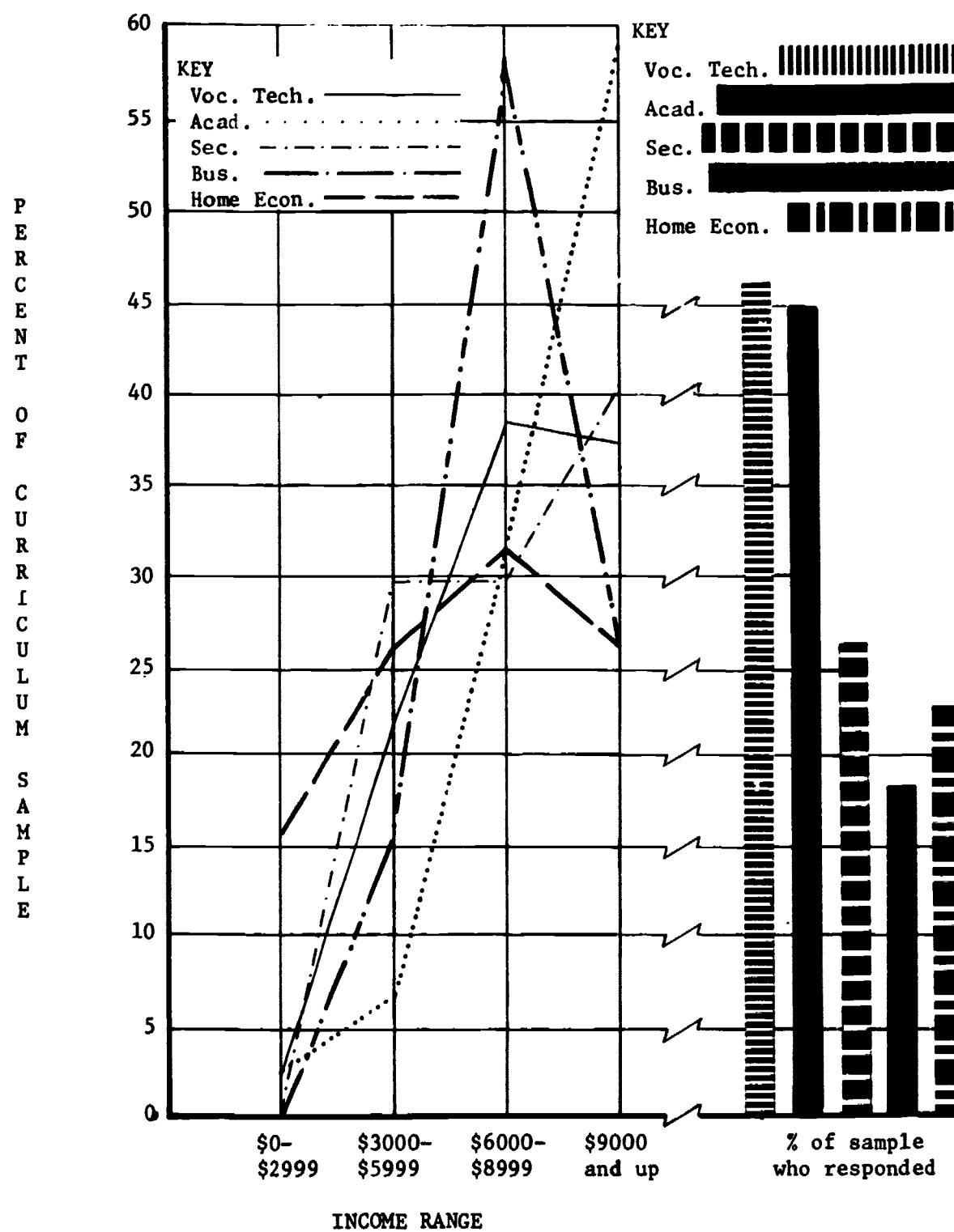


Figure 55: Percentage Distribution of Curriculum Samples by Income

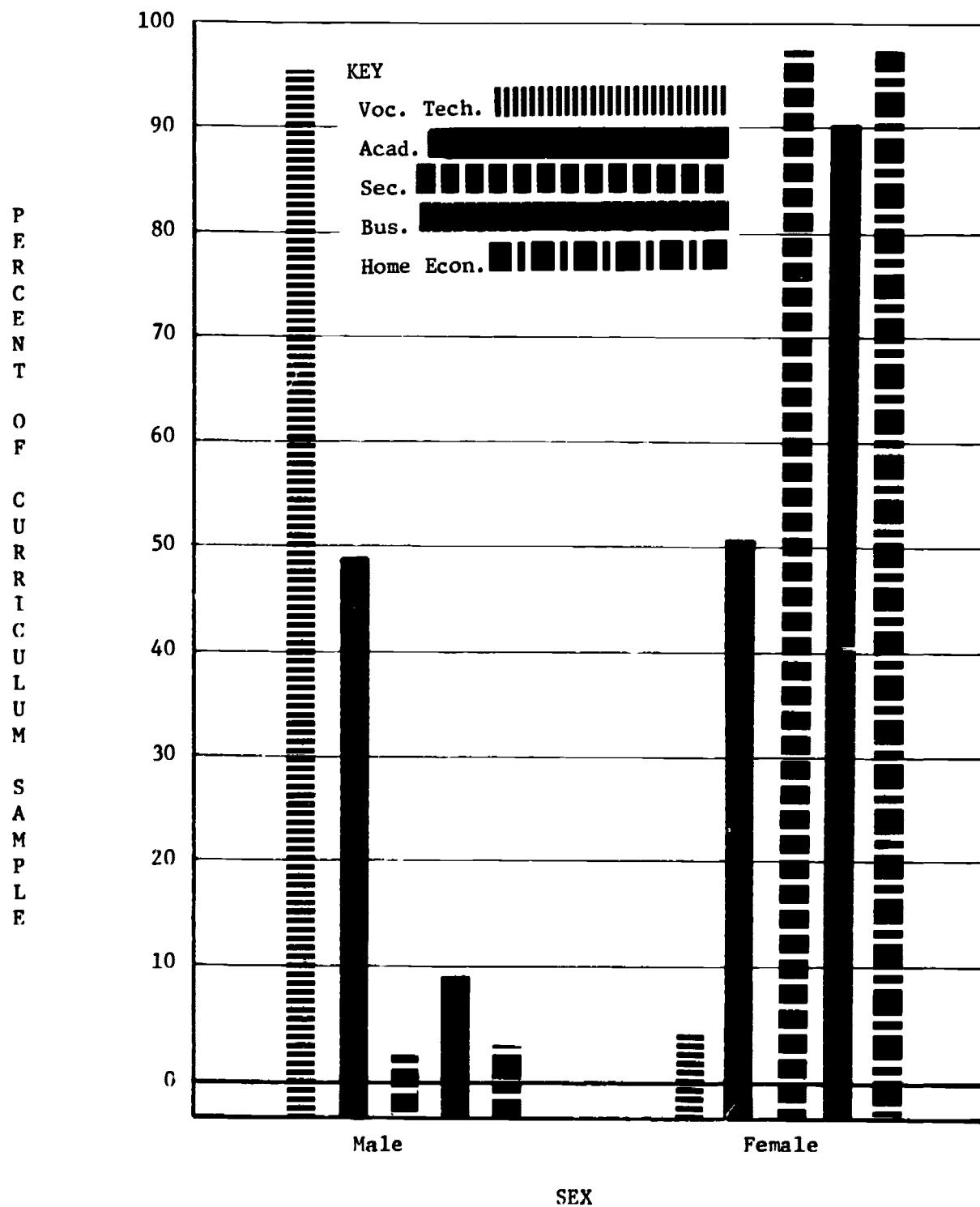


Figure 56: Percentage Distribution of Curriculum Samples by Sex

Table 22: Frequency Distribution and Chi-square Analysis for Birth Order

Order of Birth ^a	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
1	105	128	29	24	24	310
2	85	134	32	30	24	305
3	62	90	27	27	15	221
4	31	36	9	10	8	94
5	11	21	3	10	2	47
6	10	6	1	1	8	26
7	3	4	2	2	3	14
8	2	0	0	1	1	4
9	1	2	0	0	2	5
10	0	1	0	0	0	1
11	0	0	0	1	0	1
12	1	0	0	0	0	1
Column Total (N)	311	422	103	106	87	1029
DF = 44	Chi-square = 64.80	Probability = 0.002 ^b				

^aThree cases where the subject was the thirteenth child or higher in his family were not included in the table.

^bThe probability of exceeding the chi-square value by chance.

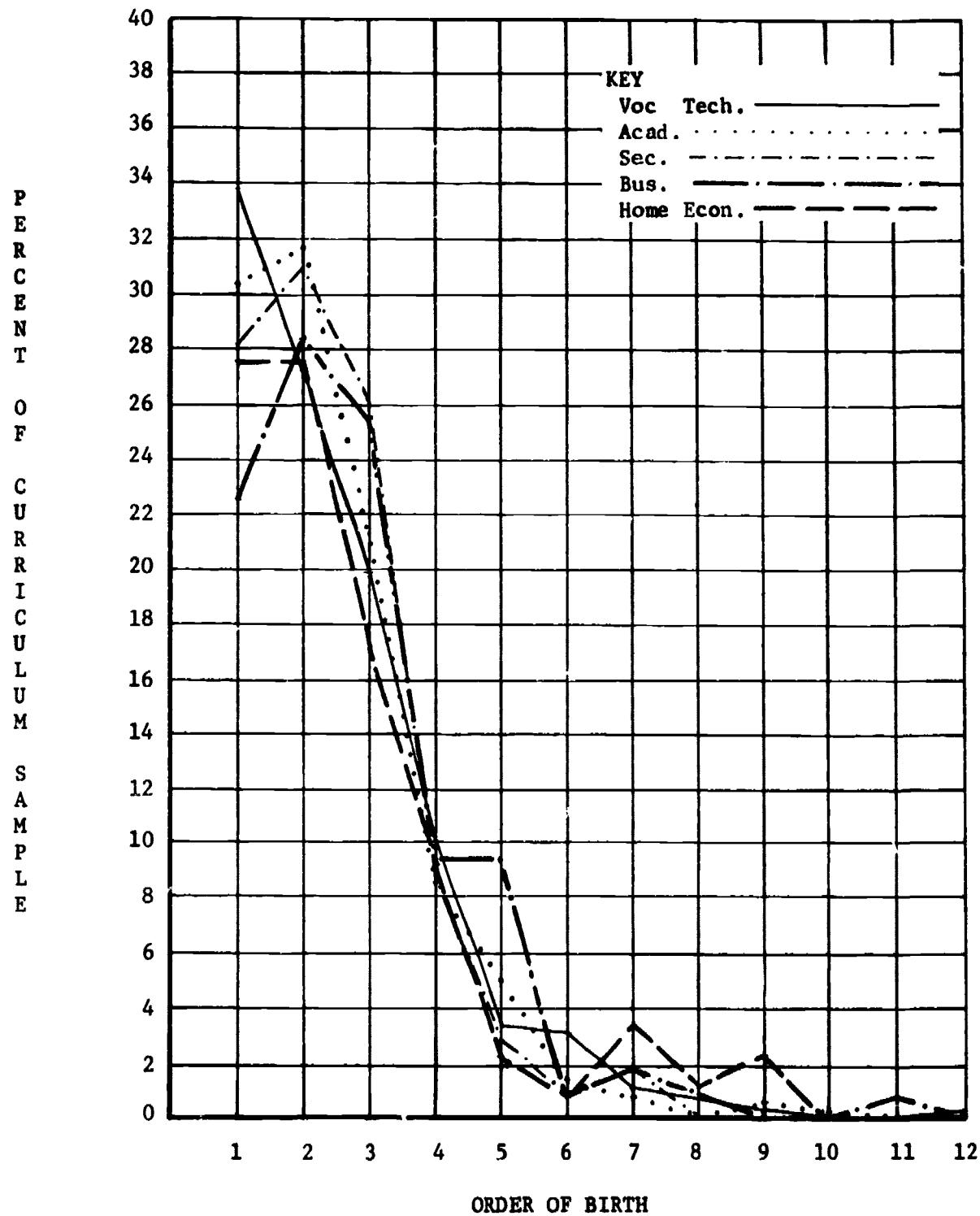


Figure 57: Percentage Distribution of Curriculum Samples by Birth Order

Table 23: Frequency Distribution and Chi-square Analysis for Number of Children in the Family

Number of Children ^a	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
1	23	19	5	5	3	55
2	58	97	17	20	10	202
3	60	100	34	23	26	243
4	55	84	20	18	12	189
5	52	64	13	14	10	153
6	26	30	5	12	10	83
7	17	10	5	4	4	40
8	8	10	2	4	4	28
9	4	3	2	3	2	14
10	2	3	0	0	1	6
11	3	2	0	1	5	11
12	0	0	0	2	0	2
13	1	0	1	0	0	2
Column Totals (N)	309	422	104	106	87	1028
DF = 48	Chi-square = 80.71		Probability = 0.002^b			

^aFour cases where there were more than 13 children in the family were not included in the table.

^bThe probability of exceeding the chi-square value by chance.

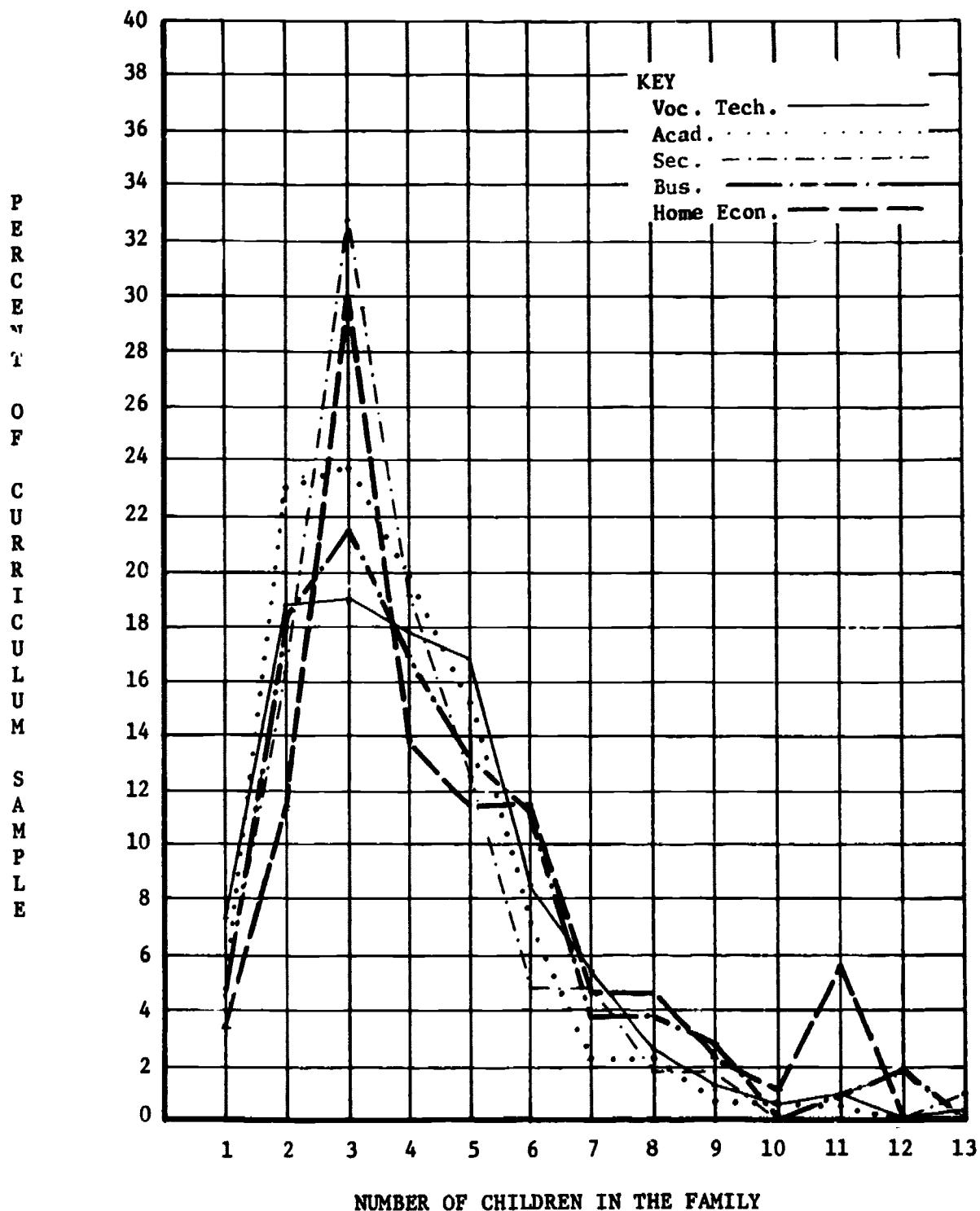


Figure 58: Percentage Distribution of Curriculum Samples by Total Number of Children in the Family

Table 24: Frequency Distribution and Chi-square Analysis for Number of Hobbies and Interests

Number of Activities	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
0	10	9	1	3	2	25
1	32	41	4	11	6	94
2	68	78	31	28	18	223
3	50	94	24	30	24	222
4	56	91	25	23	21	216
5	47	50	12	5	8	122
6	29	33	4	3	6	75
7	11	16	2	3	0	32
8	4	8	0	0	2	-
9	2	2	1	0	0	5
10	1	0	0	0	0	1
11	1	0	0	0	0	1
12	1	0	0	0	0	1
Column Totals (N)	312	422	104	106	87	1031
DF = 48	Chi-square = 54.51	Probability = 0.240 ^a				

^aThe probability of exceeding the chi-square value by chance.

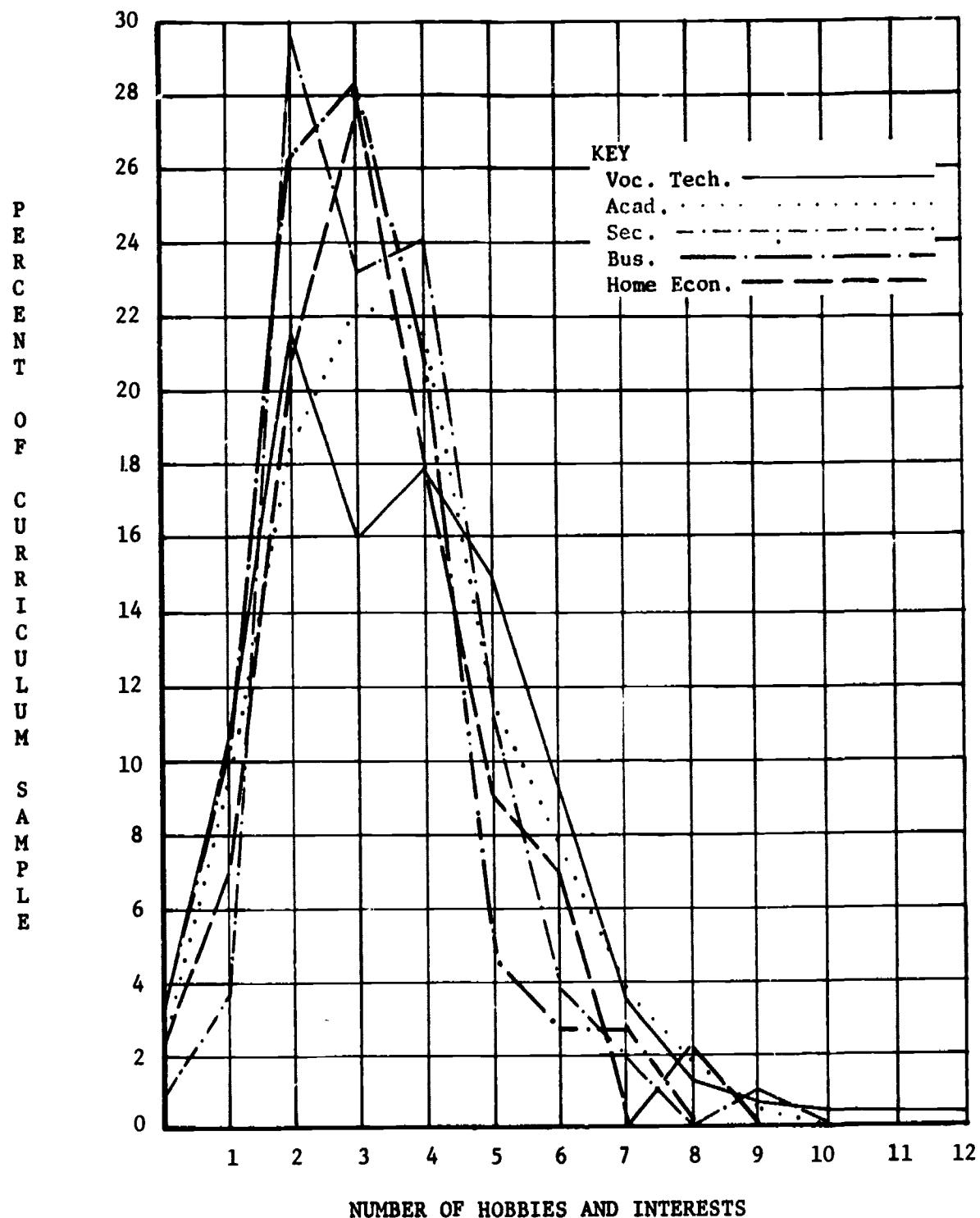


Figure 59: Percentage Distribution of Curriculum Samples by Number of Hobbies and Interests

Table 25: Frequency Distribution and Chi-square Analysis for Idealistic Education Plans

<u>Plan to Attend College</u>	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
Yes	146	346	43	34	41	610
No	151	65	60	69	42	387
<u>Column Totals (N)</u>	297	411	103	103	83	997
DF = 4	Chi-square = 165.31	Probability = 0.001 ^a				

Table 26: Frequency Distribution and Chi-square Analysis for Realistic Education Plans

<u>Plan to Attend College</u>	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
Yes	116	278	30	19	22	465
No	171	106	71	84	60	492
<u>Column Totals (N)</u>	287	384	101	103	82	957
DF = 4	Chi-square = 162.22	Probability = 0.001 ^a				

^aThe probability of exceeding the chi-square value by chance.

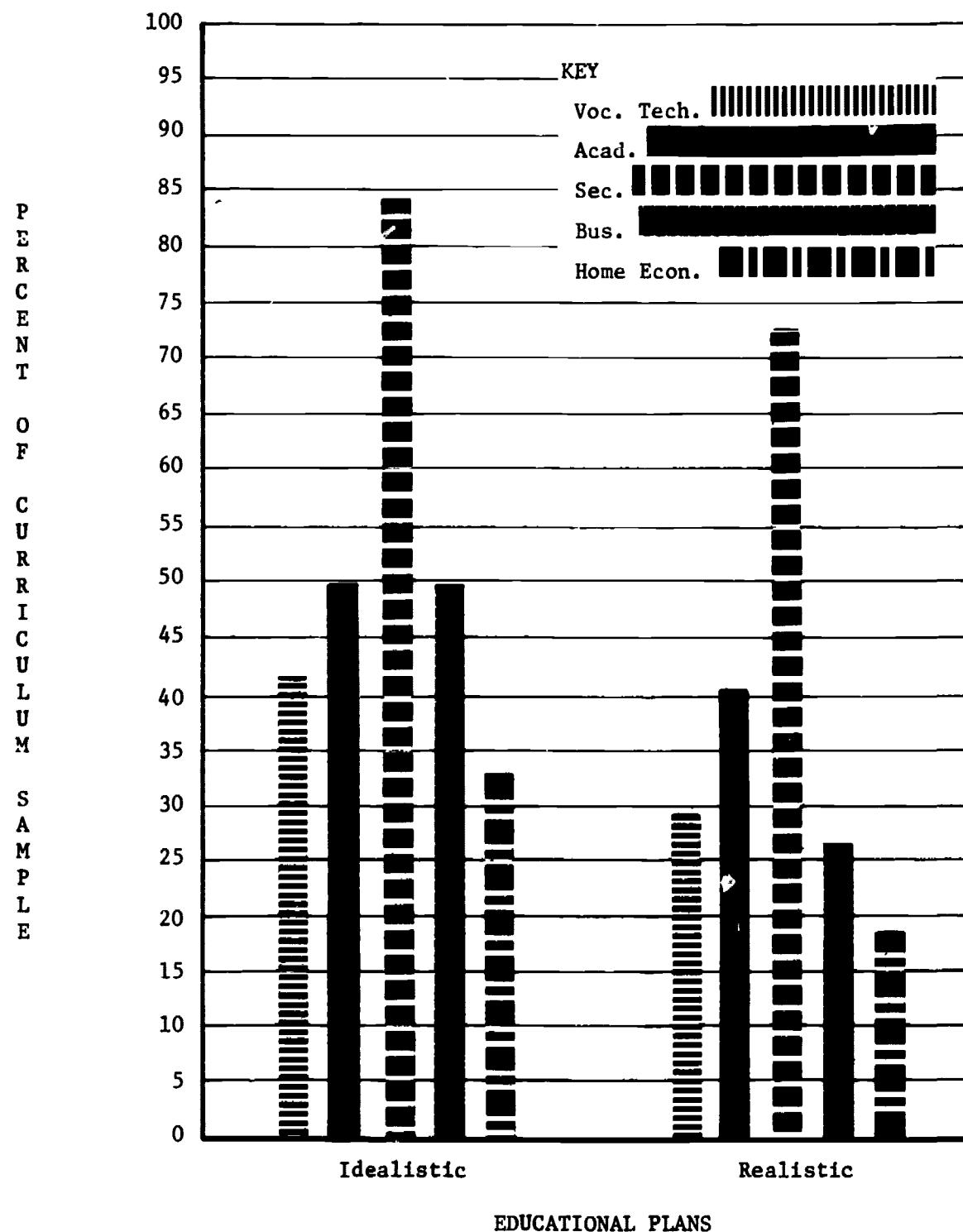


Figure 60: Percentage Distribution of Curriculum Samples by Educational Plans

Table 27: Frequency Distribution and Chi-square Analysis for Grades Repeated

Grades Repeated	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
None	209	367	91	81	61	809
1st thru 3rd	36	20	2	11	10	79
4th thru 6th	21	5	2	6	7	41
7th thru 9th	11	4	1	3	2	21
More than one grade	10	1	0	1	0	12
Column Totals (N)	287	397	96	102	80	962
DF = 16	Chi-square = 72.27	Probability = 0.001 ^a				

Table 28: Frequency Distribution and Chi-square Analysis for Personal Traits

Traits ^b	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
5	12	80	14	3	8	117
4	32	78	24	9	5	148
3	177	133	55	55	42	512
2	25	19	2	6	5	57
1	8	3	1	0	1	13
Column Totals (N)	254	363	96	73	61	847
DF = 16	Chi-square = 80.37	Probability = 0.001 ^a				

^aThe probability of exceeding the chi-square value by chance.

^bThe values 5 to 1 represent a scale from high to low on the relative strength of the subject's personal traits as judged by his teachers.

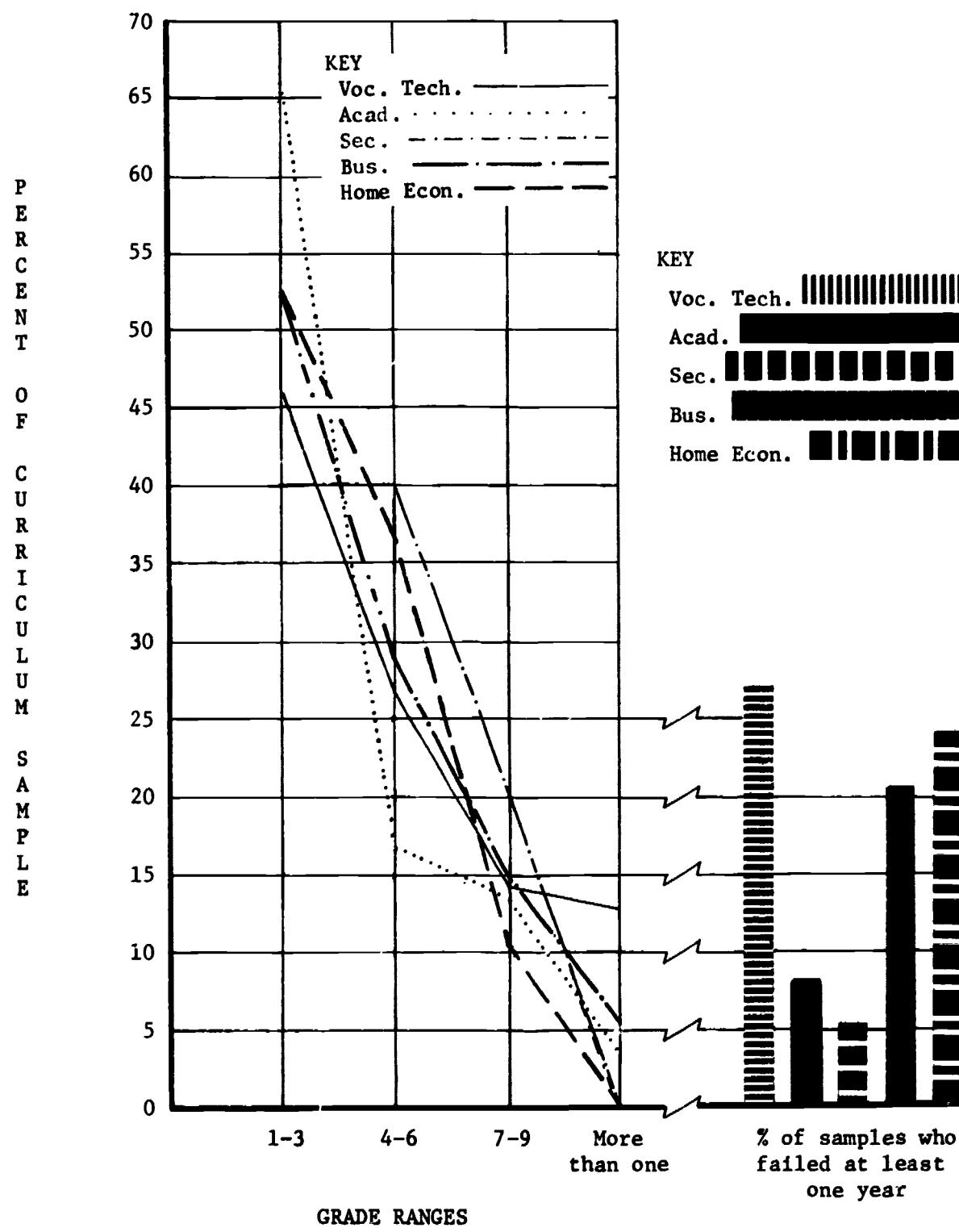


Figure 61: Percentage Distribution of Curriculum Samples by Grades Repeated

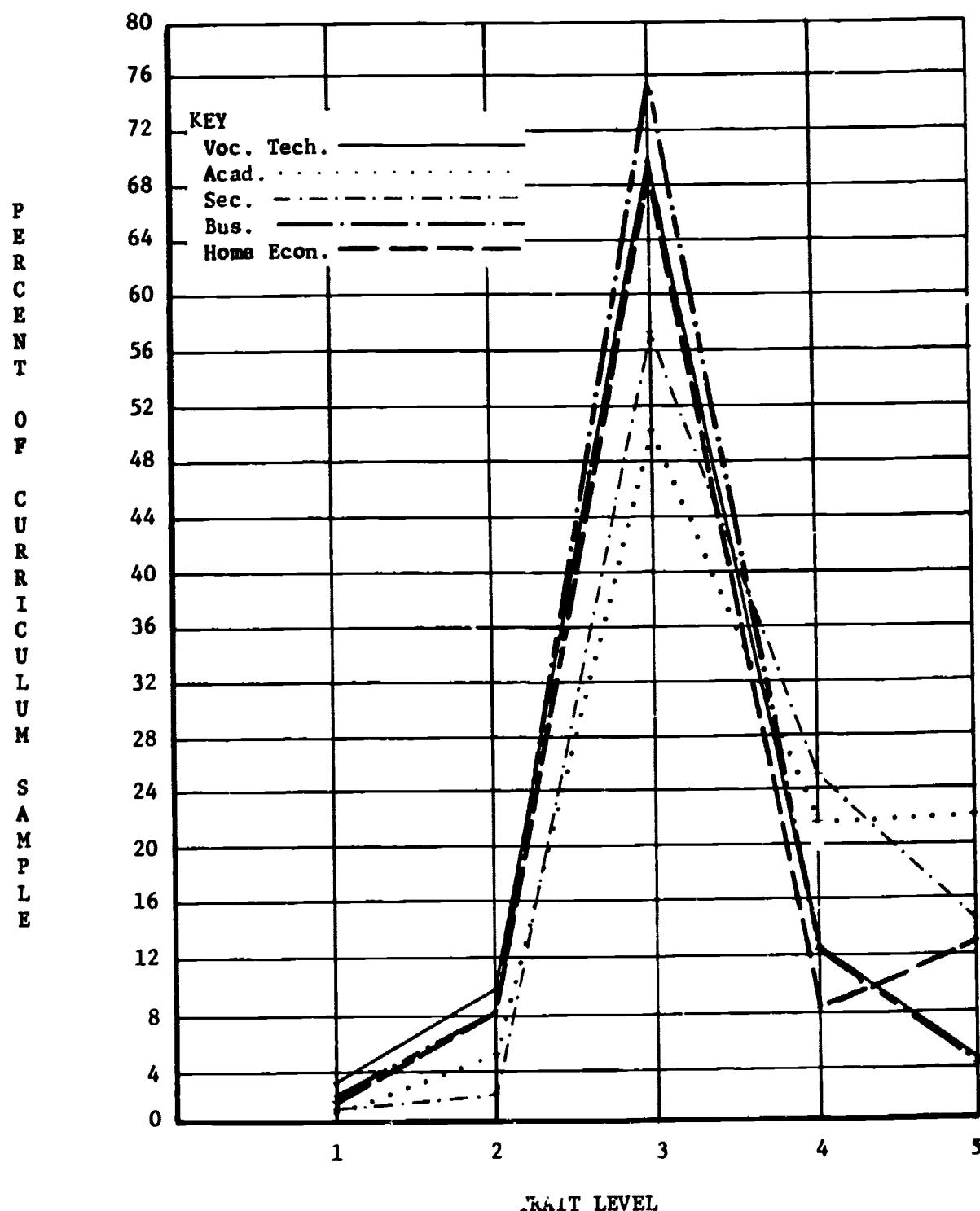


Figure 62: Percentage Distribution of Curriculum Samples by Level of Personal Traits

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